

Release notes for ENDF/B Development dec-031_Ga_086
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 1.15511E+07 SUM= 6.63431E+06
```

2. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
GAMMA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.45350E+06 SUM= 1.46684E+06
```

3. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
BETA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.10697E+00 SUM= 1.00005E+00
```

4. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (4): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
BETA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 4.38334E+06 SUM= 4.38834E+06
```

5. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (5): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
NEUTRON MULTIPLICITY SUMUP FAILURE
WHOLE= 8.69541E-01 SUM= 8.15994E-01
```

6. Energies released in decay not adding up!
MAT= 713, MF= 8, MT=457 (6): Bad energy sum

```
ERROR(S) FOUND IN MAT= 713, MF= 8, MT=457
NEUTRON AVERAGE ENERGY SUMUP FAILURE
WHOLE= 7.65910E+05 SUM= 7.79131E+05
```